## PENDING CLAIMS AS AMENDED

Please amend the claims as follows:

1. (Currently Amended) In a wireless communication system supporting a uni-directional transmission, a method comprising:

generating a payload transmission frame;

determining a header for the payload transmission frame;

compressing the header using a first format; and

placing at least one parameter for the first format in a decompression information segment, the at least one parameter configured to initialize decompression of the header and at least a subsequent header of a subsequent payload transmission frame, wherein the decompression information segment is independent ~~separate~~ from any payload transmission frame, and the decompression information segment is queued for transmission on the same channel as the payload transmission frame and regularly interleaved between broadcast content comprising a plurality of compressed headers and payload frames in a broadcast stream.

2. (Original) The method as in claim 1, wherein the uni-directional transmission is a broadcast service.

3. (Cancelled)

4. (Currently Amended) The method as in claim 2, [[3,]] wherein the broadcast stream of information is transmitted as Internet Protocol packets.

5. (Original) The method as in claim 2, wherein compressing further comprises:

applying an ROHC format.

6. (Currently Amended) In a wireless communication system supporting a uni-directional transmission, a method comprising:

receiving a payload transmission frame, the payload transmission frame having a header compressed using a first format;

receiving at least one parameter describing the first format in a decompression information segment, the at least one parameter configured to initialize decompression of the header and at least a subsequent header of a subsequent payload transmission frame, wherein the decompression information segment is independent ~~separate~~ from any payload transmission frame, and the decompression information segment is received on the same channel as the payload transmission frame and regularly interleaved between broadcast content comprising a plurality of compressed headers and payload frames in a broadcast stream; and

decompressing the payload transmission frame using the first format.

7. (Original) The method as in claim 6, wherein the transmission frame is part of a broadcast stream of information.

8. (Original) The method as in claim 7, wherein the broadcast stream of information comprises Internet Protocol packets.

9. (Cancelled)

10. (Currently Amended) In a wireless communication system supporting a uni-directional transmission, an infrastructure element, comprising:

means for generating a payload transmission frame;

means for determining a header for the payload transmission frame;

means for compressing the header using a first format; and

means for placing at least one parameter for the first format in a decompression information segment, the at least one parameter configured to initialize

decompression of the header and at least a subsequent header of a subsequent payload transmission frame, wherein the decompression information segment is independent ~~separate~~ from any payload transmission frame, and the decompression information segment is queued for transmission on the same channel as the payload transmission frame and regularly interleaved between broadcast content comprising a plurality of compressed headers and payload frames in a broadcast stream.

11. (Currently Amended) In a wireless communication system supporting a uni-directional transmission, a wireless apparatus comprising:

means for receiving a payload transmission frame, the payload transmission frame having a header compressed using a first format;

means for receiving at least one parameter describing the first format in a decompression information segment, the at least one parameter configured to initialize decompression of the header and at least a subsequent header of a subsequent payload transmission frame, wherein the decompression information segment is independent ~~separate~~ from any payload transmission frame, and the decompression information segment is received on the same channel as the payload transmission frame and regularly interleaved between broadcast content comprising a plurality of compressed headers and payload frames in a broadcast stream; and

means for decompressing the payload transmission frame using the first format.

12. (Currently Amended) A digital signal storage device, comprising:

first set of instructions for receiving a payload transmission frame, the payload transmission frame having a header compressed using a first format;

second set of instructions for receiving at least one parameter describing the first format in a decompression information segment, the at least one parameter configured to initialize decompression of the header and at least a subsequent header of a subsequent payload transmission frame, wherein the decompression information

segment is independent ~~separate~~ from any payload transmission frame, and the decompression information segment is received on the same channel as the payload transmission frame and regularly interleaved between broadcast content comprising a plurality of compressed headers and payload frames in a broadcast stream; and

third set of instructions for decompressing the payload transmission frame using the first format.

13. (Currently Amended) A communication signal transmitted on a carrier wave, comprising:

a broadcast content portion comprising a plurality of transmission frames, each of the plurality of transmission frames having a compressed header;

and

a header protocol information portion regularly interleaved between broadcast content in a broadcast stream, the broadcast content comprising a plurality of transmission frames each having a compressed header, wherein the header protocol information portion includes information configured to initialize decompression of ~~for decompressing~~ at least one of the compressed headers and a subsequent one of the compressed headers of the plurality of transmission frames.

14. (Cancelled)

15. (Currently Amended) The communication signal as in claim 13, [[14,]] wherein the header protocol information portion is transmitted periodically.